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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and solt inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Computer system with LAN-based I/Q

registration number).

| the specification of which (chec | k one) | | |
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| is attached hereto. | | | |
| X was filed on December 12, 20 | 03 as United States Applicati | on Number 10/735,321 | |
| or PCT International App | lication Number | | |
| and was amended on | (if applic | able) | |
| I hereby state that I have revie the claims, as amended by any am | wed and understand the conter endment referred to above. | ats of the above identified a | pecification, including |
| I acknowledge the duty to disclo accordance with Title 37, Code o | se information which is mater f Podoral Regulations, Sectio | rial to the patentability of on 1.56. | this application in |
| I hereby claim foreign priority foreign application(s) for paten which designated at least one co by checking the box, any foreign application, having a filing date | t or inventor's certificate, untry other than the United S application for patent or in | or §365(a) of any PCT Internitates, listed below and have | ational application also identified below, |
| Prior Foreign Application(s) | | | Priority Claimed |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No |
| I hereby claim the benefit under (Application Number) | 35 U.S.C. §119(e) of any Uni | ted States provisional applic | cation(s) listed below. |
| (Application Number) | (Piling Date) | | |
| I hereby claim the benefit under International application design of the claims of this application in the manner provided by the fir- material to the patentability of date of the prior application an | 35 U.S.C. §120 of any United sting the United States, list n is not disclosed in the pri rat paragraph of 35 U.S.C. §1 this application as defined | or United States, or PCT Into 12, I acknowledge the duty to in 37 CFR §1.56 which occurre | ernational application o disclose information ed between the filing |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pe | nding, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pe | nding, abandoned) |
| I horoby declare that all statem information and belief are belief that willful false statements an Section 1001 of Title 18 of the of the application or any patent | ved to be true; and further t A the like so made are punish United States Code and that w | hat these statements were mad able by fine or imprisonment. | de with the knowledge , or both, under |
| FOWER OF ATTORNEY: As a named in this application and transact all | nventor I hereby appoint the business in the Patent and | following attorney(s) and/or Trademark Office connected t | agent(s) to prosecute herewith (list name and |

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IBM Docket No. IL920030052US1

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Computer system with LAN-based I/O

| the specification of which (ch | eck one) | | |
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| is attached hereto. | | | |
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| or PCT International A | pplication Number | | |
| and was amended on | (if app | plicable) | |
| I hereby state that I have rev | iewed and understand the commendment referred to above | ntents of the above identified spec | cification, including |
| I acknowledge the duty to disc accordance with Title 37. Code | lose information which is m of Federal Regulations, Se | aterial to the patentability of the | is application in |
| foreign application(s) for pat which designated at least one by checking the box, any forei | ent or inventor's certificate Country other than the Unit, on application for patent of | United States Code, \$119(a)-(d) or te, or \$365(a) of any PCT Internat ed States, listed below and have a r inventor's certificate, or PCT In ication on which priority is claime | ional application lso identified below, |
| Prior Foreign Application(s) | | P | riority Claimed |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No |
| I hereby claim the benefit und | er 35 U.S.C. §119(e) of any | United States provisional applicat | tion(s) listed below. |
| (Application Number) | (Filing Date) | | |
| (Application Number) | (Filing Date) | | |
| in the manner provided by the : | first paragraph of 35 U.S.C. | ited States Application(s), or §36: listed below and, insofar as the su prior United States, or PCT Intern. §112, I acknowledge the duty to code and in 37 CFR §1.56 which occurred ernational filing date of this appl | disclose information |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pend | ing, abandoned) |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pend | ing, abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

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IBM Docket No. IL920030052US1

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| May 19, 2004 Inventor's signature Date | |
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| Israel Citizenship | |

IBM Docket No. IL920030052US1

| Inventor's | s signature |
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| srael Citizenship | |
| BM Labs, Haifa University, Mount Carmel, Haifa 31905, Israe | |
| SMITH T Basil Full name of fifth joint-inventor | |
| Inventor's | signature |
| Date | |
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| Residence | |
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| ost Office Address | • |
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| DESAI Dhruv M. | • • • • • • • • • • • • • • • • • • • |
| ull name of sixth joint-inventor | |
| | |
| Inventor's | signature |
| Date | |
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JAI MENON G PHILLIPS PAGE 82
IBM Docket No. IL920030052051

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My residence, post office address and citizenship are as stated below next to my name;

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Computer system with LAN-based I/O

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| is attached bereto. | | | |
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| and was amended on | (if appl | icable) | |
| the claims, as amended by any | appendment reserved to above. | cents of the above identified spec | |
| accordance with Title 37, Code | of Pederal Regulations, Sevi | | |
| foreign application(s) for pat which designated at least one | ent or inventor's certificate country other than the United | nited States Code. \$119(a)-(d) or e. or \$165(a) of any PCT Internati I States, listed below and have al inventor's certificate, or PCT In cation on which priority is claime | leo identified below. |
| Prior Foreign Application(s) | | | ciority Claimed |
| | | | Yes No |
| (Munber) | (Country) | (Day/Month/Year Filed) | Уев Йо |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes No |
| (Number) | (Country) | (bay/Wonth/Year Filed) | |
| I hereby claim the benefit und | | omited States provisional applicat | cíon(s) listed below. |
| (Application Number) | (Filing Date) | _ | |
| (Application Number) | (Filing Date) | _ | |
| Of the Crarms of cure abbrecore | | tod States Application(s), or \$36- isted below and, insofar as the st prior United States, or PCT Inter- \$112, I acknowledge the duty to a ed in 37 CFR \$1.56 which occurred mational filing date of this app. | aiaalaar information |
| | (Aladan Data) | (Status) (patented, pend | ing, abandoned) |
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| POWER OF ATTORNEY: As a named this application and transact | l inventor I hereby appoint t all business in the Patent a | be following attorney(s) and/or a nd Trademark Office connected the | gent(s) to prosecute rewith (list name and |

PAGE 11/16 * RCVD AT 5/20/2004 9:51:41 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:9149453281 * DURATION (mm-ss):04-02

(Res. 43,303), Rafael Perez-Pineiro (Reg. 46,041), Suzanne Éraz (Reg. 46,688).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29, 551), Daniel P. Mouris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick

| CLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION |
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| IBM Corporation, P.O. Box 218, Yorktown Heights, New York 10598 |
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| RODEH Michael Full name of second joint-inventor |
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9195437421 TO 919149453281

P.02/08

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| | 2003 as United States Applic | ation Number 10/735,321 | |
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| I acknowledge the duty to disc accordance with Title 37, Code | lose information which is ma of Federal Regulations, Sec | sterial to the patentability of this applicat: | ion in |
| I hereby claim foreign priorit foreign application(s) for pat which designated at least one by checking the box, any forei | y bemefits under Title 35, Tent or inventor's certificate country other than the Unite | mited States Code, §119(a)-(d) or §365(b) of e, or §365(a) of any PCT International applic d States, listed below and have also identif; inventor's certificate, or PCT International cation on which priority is claimed: | cation |
| Prior Poreign Application(s) | | Priority Clai | imeđ |
| (Number) | (Country) | (Day/Month/Year Piled) Yes | No |
| (Number) | (Country) | (Day/Month/Year Piled) Yes | No |
| (Number) | (Country) | (Day/Month/Year Filed) | No |
| I hereby claim the benefit unde | er 35 σ.ς.C. \$119(e) of any | Onited States provisional application(s) list | ed below. |
| (Application Number) | (Filing Date) | - | |
| (Application Number) | (Filing Date) | - | |
| of the claims of this application the manner provided by the | on is not disclosed in the | red States Application(S), or §365(c) of any isted below and, insofar as the subject matterior United States, or PCT International app §112, I acknowledge the duty to disclose infed in 37 CFR §1.56 which occurred between the maticual filing date of this application: | er of each lication |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandon | ned) |
| (Application Serial No.) | (Filing Date) | (Status) (patented, pending, abandon | ned) |
| hat willful false statemente a | nd the like so made are wise | knowledge are true and that all statements mere that these statements were made with the knowledge by fine or imprisonment, or both, under willful false statements may jeopardize the | owledge |

I

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| Citizenship |
| Post Office Address |
| DESAI Dhruv M. full name of sixth joint-inventor |
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